

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/09061

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B01J35/02, D06M11/44, D06M11/46, D06M15/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B01J21/00-38/74

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JSTPlus, JST7580, CAS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-188082 A (Kabushiki Kaisha Matsui Shikiso Kagaku Kogyosho), 13 July, 1999 (13.07.99), Claims 1, 3, 5; Par. No. [0044] (Family: none)	1-4
A	JP 10-33921 A (Sekisui Plastics Co., Ltd.), 10 February, 1998 (10.02.88), Claims 2 to 4; Par. No. [0022] (Family: none)	1-4

 Further documents are listed in the continuation of Box C. See patent family annex.

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "&" document member of the same patent family

Date of the actual completion of the international search 29 September, 2003 (29.09.03)	Date of mailing of the international search report 14 October, 2003 (14.10.03)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Facsimile No.	Telephone No.